



ATTACHMENT B

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) ~~Method~~ A method for the pasteurization of liquid mixtures for ice cream, comprising ~~the following steps:~~ heating of the liquid mixture to a temperature below the coagulation temperature for the protein substances present in the ~~said~~ liquid mixture and ~~simultaneous injection of~~ simultaneously injecting gaseous carbon dioxide under pressure into the liquid mixture in intimate contact with the liquid mass of the mixture to thereby pasteurize the liquid mixture.
2. (Currently Amended) ~~Method~~ The method according to claim 1, in which the ~~said~~ temperature lies between approximately 50°C and approximately 59°C.
3. (Currently Amended) ~~Method~~ The method according to claim 2, in which the ~~said~~ temperature is equal to approximately 55°C.
4. (Currently Amended) ~~Method~~ The method according to claim 1, in which the ~~said~~ steps of heating of the liquid mixture and injecting the gaseous CO₂ take place simultaneously and for a period of between approximately 3 and approximately 6 hours.

5. (Currently Amended) ~~Method~~ The method according to claim 1, ~~in which injection wherein the injecting of the said~~ gaseous carbon dioxide takes place at a pressure which can be varied between approximately 5 and approximately 6 bar.
6. (Currently Amended) ~~Method~~ The method according to claim 1, ~~in which injection of wherein the injecting of the said~~ gaseous carbon dioxide takes place at a pressure of approximately 5.5 bar.
7. (Currently Amended) ~~Method~~ The method according to claim 1, ~~in which wherein the said~~ gaseous carbon dioxide is caused to bubble through the ~~said~~ liquid mixture being treated.
8. (New) A method for the pasteurization of liquid mixtures for ice cream, comprising heating a liquid mixture to a temperature between 50 and 59°C while injecting into the heated mixture gaseous carbon dioxide at a pressure in the range from 5 to 6 bar for a period of between 3 to 6 hours.
9. (New) The method according to claim 8, wherein the temperature is equal to approximately 55°C.
10. (New) The method according to claim 8, wherein heating the liquid mixture and injecting the gaseous carbon dioxide take place simultaneously.

11. (New) The method according to claim 8, wherein the injecting of the gaseous carbon dioxide takes place at a pressure of approximately 5.5 bar.

12. (New) The method according to claim 8, wherein the gaseous carbon dioxide is caused to bubble through the liquid mixture being treated.